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| Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary) | Atty Docket No. PLUSP027X1 | Application No.: 10/731,771 |
| | Applicant: Visco et al. | |
| | Filing Date December 5, 2003 | Group 1745 |

U.S. Patent Documents

Foreign Patent or Published Foreign Patent Application

Other Documents

| Other Documents | | |
|------------------|------------------|---|
| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
| /GC/ | C1 | U.S. Office Action mailed October 11, 2006, from U.S. Application No. 10/686,041. [PLUSP029] |
| /GC/ | C2 | U.S. Office Action mailed October 12, 2006, from U.S. Application No. 10/686,189. [PLUSP027] |
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| Examiner | Date Considered | |
| | /Gregg Cantelmo/ | |
| | 03/14/2007 | |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



OCT 02 2006

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| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|----------------|----------|---------------------|-------|-----------|-------------|
| /GC/ | A1 | 6,068,950 | 05.30.00 | Gan et al. | | | |
| | A2 | 6,274,269 B1 | 08.14.01 | Gan et al. | | | |
| | A3 | 6,203,942 B1 | 03.20.01 | Gan et al. | | | |
| | A4 | 6,489,055 B1 | 12.03.02 | Ichihashi et al. | | | |
| | A5 | 6,511,772 B2 | 01.30.03 | Gan et al. | | | |
| | A6 | 6,096,447 | 08.01.00 | Gan et al. | | | |
| | A7 | 6,200,701 B1 | 03.13.01 | Gan et al. | | | |
| | A8 | 6,495,285 B2 | 12.17.02 | Gan et al. | | | |
| ↓ | A9 | 6,537,698 B2 | 03.25.03 | Gan et al. | | | |
| | A10 | 4,402,995 | 09.1983 | Fleischer, Niles A. | | | |
| /GC/ | A11 | 4,405,416 | 09.1983 | Rastrick et al. | | | |
| | A12 | 5,314,765 | 05.1994 | Bates, John B. | | | |
| | A13 | 6,025,094 | 02.2000 | Visco et al. | | | |
| /GC/ | A14 | 6,280,598 | 08.2001 | Barton et al. | | | |
| | A15 | 6,413,284 | 07.2003 | Chu et al. | | | |
| /GC/ | A16 | 6,737,197 | 05.2004 | Chu et al. | | | |
| | A17 | 3,607,417 | 09.1971 | McRae et al. | | | |
| | A18 | 2004/0197641 | 10.2004 | Visco et al. | | | |
| | A19 | 2005/0100793 | 05.2005 | Jonghe et al. | | | |
| ↓ | A20 | 2006/0078790 | 04.2006 | Nimon et al. | | | |
| ↓ | A21 | 2002/102465 A1 | 08.01.02 | Chen et al. | | | |
| /GC/ | A22 | 5,213,908 | 05.25.93 | Hagedorn | | | |

Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
|------------------|-----|----------------|------------------|--------------------------|-------|-----------|-------------|----|
| | | | | | | | Yes | No |
| | B1 | WO 02/50933 A2 | 27.06.2002 | PCT | | | | |
| | B2 | WO 02/50933 A3 | 27.06.2002 | PCT | | | | |

Other Documents

| | | |
|------------------|------------------|---|
| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
| /GC/ | C1 | Visco, et al., "Ionically Conductive Composites for Protection of Active Metal Anodes," PolyPlus Battery Company, Appln. No. 10/686,189, filed October 14, 2003, pages 1-48 [PLUSP027]. |
| Examiner | | Date Considered |
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|--|--|--|---|

U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|------------------|-------|-----------|-------------|
| /GC/ | A23 | 3,625,769 | 07.12.71 | Lyall, Arthur E. | | | |
| | A24 | 3,976,509 | 08/24/76 | Tsai et al. | | | |
| | A25 | 4,007,057 | 02/08/77 | Littauer et al. | | | |
| | A26 | 5,108,856 | 04/28/92 | Shuster | | | |
| | A27 | 5,427,873 | 06/27/95 | Shuster | | | |
| | A28 | 5,525,442 | 06/11/96 | Shuster | | | |
| | A29 | 6,146,787 | 11/14/00 | Harrup et al. | | | |
| | A30 | 5,510,209 | 04/23/96 | Abraham et al. | | | |
| | A31 | 5,652,068 | 07/29/97 | Shuster et al. | | | |
| | A32 | 5,665,481 | 09/09/97 | Shuster et al. | | | |
| /GC/ | A33 | 4,163,084 | 07/31/79 | Tsai et al. | | | |

Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
|------------------|-----|--------------|------------------|--------------------------|-------|-----------|-------------|----|
| | | | | | | | Yes | No |
| /GC/ | B3 | 09320645 | 12.12.97 | Japan (abstract) | | | | |
| /GC/ | B4 | JP 55081471 | 1980/06/19 | Japan | | | | |

Other Documents

| | | | | | | |
|------------------|-----|---|-----------------|--|------------|--|
| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication | | | | |
| /GC/ | C2 | International Search Report dated October 18, 2005 from related International Application No. PCT/US2004/033372. [PLUSP039] | | | | |
| | C3 | U.S. Office Action mailed June 16, 2006, from U.S. Application No. 11/092,781. [PLUSP026C1] | | | | |
| | C4 | De Jonghe, et al., "Chemical Protection of a Lithium Surface," PolyPlus Battery Company, Appln. No. 11/092,781, filed March 28, 2005, pages 1-34 [PLUSP026C1]. | | | | |
| | C5 | U.S. Office Action mailed September 7, 2006, from U.S. Application No. 10/824,944. [PLUSP040] | | | | |
| | C6 | Visco et al., "Protected Active Metal Electrode and Battery Cell Structures with Non-Aqueous Interlayer Architecture," PolyPlus Battery Company, Appln No. 10/824,944, filed April 14, 2004, pages 1-46. [PLUSP040] | | | | |
| /GC/ | C7 | Visco et al., "Active Metal Fuel Cells," PolyPlus Battery Company, Appln No. 10/825,587, filed April 14, 2004, pages 1-27. [PLUSP038] | | | | |
| Examiner | | | Date Considered | | 03/14/2007 | |
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|------------------|-----|--|
| /GC/ | C9 | International Search Report dated January 16, 2006 from International Application No. PCT/US2004/033361. |
| | C10 | Inaguma et al., "High Ionic Conductivity in Lithium Lanthanum Titanate", Solid State Communications, Vol. 86, No. 10, pp. 689-693, 1993. |
| | C11 | Kobayashi et al., "All-solid-state lithium secondary battery with ceramic/polymer composite electrolyte", Solid State Ionics 152-153 (2002) 137-142. |
| | C12 | Shuster, Nicholas, "LithiumWater Power Source for Low Power – Long Duration Undersea Applications", Westinghouse Electric Corporation, 1990 IEEE, pp. 118-123. |
| | C13 | VanVoorhis, et al., "Evaluation of Air Cathodes for Lithium/Air Batteries", Electrochemical Society Proceedings Volume 98-16, 1999, pp. 383-390. |
| | C14 | Blurton et al., "Metal/Air Batteries: Their Status and Potential – A Review", Journal of Power Sources, 4, (1979), pp. 263-279. |
| | C15 | J. Read, "Characterization of the Lithium/Oxygen Organic Electrolyte Battery", Journal of The Electrochemical Society, 149 (9) (2002), pp. A1190-A1195. |
| | C16 | Abraham et al., "A Polymer Electrolyte-Based Rechargeable Lithium/Oxygen Battery", Technical Papers, Electrochemical Science and Technology, J. Electrochem. Soc., Vol. 143, No. 1, January 1996, pp. 1-5. |
| | C17 | Kessler, et al., "Large Microsheet Glass for 40-in. Class PALC Displays", 1997, FMC2-3, pp. 61-63. |
| | C18 | Feng et al., "Electrochemical behavior of intermetallic-based metal hydrides used in Ni/metal hydride (MH) batteries: a review", International Journal of Hydrogen Energy, 26 (2001), pp. 725-734. |
| | C19 | Iwakura et al., "All solid-state nickel/metal hydride battery with a proton-conductive phosphoric acid-doped silica gel electrolyte", Electrochimica Acta 48 (2003), pp. 1499-1503. |
| | C20 | Li et al., "Lithium-Ion Cells with Aqueous Electrolytes", J. Electrochem. Soc., Vol. 142, No. 6, June 1995, pp. 1742-1746. |
| | C21 | Zhang et al., "Electrochemical Lithium Intercalation in VO ₂ (B) in Aqueous Electrolytes", J. Electrochem. Soc., Vol. 143, No. 9, September 1996, pp. 2730-2735. |
| | C22 | Urquidi-Mcdonald, Mirna, "Hydrogen storage and semi-fuel cells", http://engr.psu.edu/h2e/Pub/Macdonald1.htm , (downloaded January 27, 2004, 3 pages). |
| /GC/ | C23 | Urquidi-Mcdonald, et al., "Lithium/poly(organophosphazene) membrane anodes in KOH and seawater", Electrochimica Acta 47, (2002), pp. 2495-2503. |

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